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Water Supply Outlook For Nevada



SOIL CONSERVATION SERVICE
U.S. DEPARTMENT OF AGRICULTURE

Cooperating with

NEVADA DEPARTMENT of CONSERVATION
AND NATURAL RESOURCES
DIVISION OF WATER RESOURCES

AS OF
MAR. 1, 1980

TO RECIPIENTS OF WATER SUPPLY OUTLOOK REPORTS:

Most of the usable water in western states originates as mountain snowfall. This snowfall accumulates during the winter and spring, several months before the snow melts and appears as streamflow. Since the runoff from precipitation as snow is delayed, estimates of snowmelt runoff can be made well in advance of its occurrence. Streamflow forecasts published in this report are based principally on measurement of the water equivalent of the mountain snowpack.

Forecasts become more accurate as more of the data affecting runoff are measured. All forecasts assume that climatic factors during the remainder of the snow accumulation and melt season will interact with a resultant average effect on runoff. Early season forecasts are therefore subject to a greater change than those made on later dates.

The snow course measurement is obtained by sampling snow depth and water equivalent at surveyed and marked locations in mountain areas. A total of about ten samples are taken at each location. The average of these are reported as snow depth and water equivalent. These measurements are repeated in the same location near the same dates each year.

Snow surveys are made monthly or semi-monthly from January 1 through June 1 in most states. There are about 1900 snow courses in Western United States and in the Columbia Basin in British Columbia. Networks of automatic snow water equivalent and related data sensing devices, along with radio telemetry are expanding and will provide a continuous record of snow water and other parameters at key locations.

Detailed data on snow course and soil moisture measurements are presented in state and local reports. Other data on reservoir storage, summaries of precipitation, current streamflow, and soil moisture conditions at valley elevations are also included. The report for Western United States presents a broad picture of water supply outlook conditions, including selected streamflow forecasts, summary of snow accumulation to date, and storage in larger reservoirs.

Snow survey and soil moisture data for the period of record are published by the Soil Conservation Service by states about every five years. Data for the current year is summarized in a West-wide basic data summary and published about October 1 of each year.

COVER PHOTO: THE SNOTEL PROJECT CENTRAL COMPUTER FACILITIES IN PORTLAND, OREGON. THE TERMINAL, PRINTER, COMPUTER AND TAPE DRIVES HAVE NOT COMPLETELY REPLACED THE SNOW SAMPLING TUBES SEEN IN THE FOREGROUND.

PUBLISHED BY SOIL CONSERVATION SERVICE

The Soil Conservation Service publishes reports following the principal snow survey dates from January 1 through June 1 in cooperation with state water administrators, agricultural experiment stations and others. Copies of the reports for Western United States and all state reports may be obtained from Soil Conservation Service, West Technical Service Center, Room 510, 511 N.W. Broadway, Portland, Oregon 97209.

Copies of state and local reports may also be obtained from state offices of the Soil Conservation Service in the following states:

STATE	ADDRESS
Alaska	Room 129, 2221 East Northern Lights Blvd., Anchorage, Alaska 99504
Arizona	Room 3008, Federal Building, 230 N. First Ave., Phoenix, Arizona 85025
Colorado (N. Mex.)	P. O. Box 17107, Denver, Colorado 80217
Idaho	Room 345, 304 N. 8th. St., Boise, Idaho 83702
Montana	P. O. Box 98, Bozeman, Montana 59715
Nevada	P. O. Box 4850, Reno, Nevada 89505
Oregon	1220 S. W. Third Ave., Portland, Oregon 97204
Utah	4420 Federal Bldg., 125 South State St., Salt Lake City, Utah 84138
Washington	360 U. S. Court House, Spokane, Washington 99201
Wyoming	P. O. Box 2440, Casper, Wyoming 82602

PUBLISHED BY OTHER AGENCIES

Water Supply Outlook reports prepared by other agencies include a report for California by the Snow Surveys Branch, California Department of Water Resources, P.O. Box 388, Sacramento, California 95802 --- for British Columbia by the Ministry of the Environment, Water Investigations Branch, Parliament Buildings, Victoria, British Columbia V8V 1X5 --- for Yukon Territory by the Department of Indian and Northern Affairs, Northern Operations Branch, 200 Range Road, Whitehorse, Yukon Territory Y1A 3V1 --- and for Alberta, Saskatchewan, and N.W.T. by the Water Survey of Canada, Inland Waters Branch, 110-12 Avenue S.W., Calgary, Alberta T3C 1A6.



WATER SUPPLY OUTLOOK FOR NEVADA

and
FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

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All averages are for 1963-1977 period.

WATER SUPPLY OUTLOOK FOR NEVADA

NEVADA'S SURFACE WATER SUPPLY FOR THIS SEASON HAS IMPROVED SIGNIFICANTLY DURING FEBRUARY. THE STREAMS ORIGINATING ON THE EAST SLOPE OF THE SIERRA ARE NOW FORECAST TO HAVE STREAMFLOWS RANGING FROM 130 TO 145 PERCENT OF AVERAGE. AREAS IN THE NORTHEASTERN PART OF THE STATE ARE NEAR AVERAGE. THE SNOW WATER INCREASE IN THE SIERRA SNOWPACK DURING FEBRUARY WAS 215 PERCENT OF THE AVERAGE FEBRUARY AMOUNT IN THE TAHOE, CARSON AND WALKER BASINS AND 270 PERCENT IN THE TRUCKEE BASIN. MANY HIGH ELEVATION SNOW COURSES NOW HAVE THE LARGEST AMOUNT OF MARCH 1 SNOW WATER SINCE 1969. LAKE LUCILLE SNOW COURSE HAS AN AVERAGE DEPTH OF 177 INCHES CONTAINING 71.8 INCHES OF WATER.

RESERVOIR STORAGE HAS IMPROVED AND ALL MAJOR RESERVOIRS EXCEPT TOPAZ AND LAKE TAHOE ARE ABOVE AVERAGE. LAKE TAHOE CONTAINS 302,000 ACRE-Feet FOR 62 PERCENT OF AVERAGE. THIS COMPARES TO LAST YEAR'S MARCH 1 STORAGE OF 113,000 ACRE-Feet.

Sierra East Slope

Snowstorms during February significantly increased the snowpack water content. Snow water increases for the month were 215 percent of the average February amounts in the Tahoe, Carson and Walker Basins, and 270 percent in the Truckee Basin. Several higher elevation snow courses increased 15 to 20 inches of water during the month. The March 1 snow water is now 133 percent of average in the Tahoe and Truckee Basins; 142 percent in the Carson Basin; and 158 percent in the Walker Basin. The snowpack is the largest March 1 pack since 1969.

The surface water supplies this summer will be above average. Streamflows are now forecast at 130 percent on the Truckee River at Farad; Lake Tahoe Rise and Carson River 137 percent; and West Walker River 144 percent of average. These forecasts are generally 30 percent above last month's forecast.

Reservoir storage continues to improve. Lake Tahoe now contains 302,000 acre-feet for 62 percent of average. Since October 1, 1979, Lake Tahoe has increased 1.64 feet or 201,000 acre-feet. This is the result of the tremendous storms received during January and February. The average amount of increase for the same period is 0.27 feet or 33,000 acre-feet.

Lahontan Reservoir contains 241,000 acre-feet or slightly above average.

Humboldt Basin

Snow course measurements indicate snow water in the Humboldt Basin is 95 percent of average compared to 78 percent last year.

The lower elevation snow courses are below average and most higher elevation snow courses are above average.

Streamflow forecasts range from 81 percent on the Humboldt River at Comus to 127 percent on Martin Creek with very little change since last month. The Humboldt River at Palisade had considerably above average flows for February.

Water storage in Rye Patch Reservoir has improved and now totals 122,000 acre-feet. This is near average and is much improved over last's year 59,000 acre-feet.

Owhyee and Snake Basins

Snow course measurements indicate snow water is 97 percent of average on the Owyhee and 108 percent in the Snake River Basin. The Owyhee snowpack is below last year and the Owyhee is identical to last year.

Streamflows are forecast at below average for the Owyhee. The forecast for Wild Horse Reservoir inflow is 20,000 acre-feet or 87 percent of average. Other streamflow forecasts are near average in the northeast part of the State.

Storage in Wild Horse Reservoir is now 40,000 acre-feet or 133 percent of average, compared to last year's 29,000 acre-feet.

Northern Great Basin

Snow course measurements in this area indicate snow water at 176 percent of average compared to 163 percent for last year.

Eastern Nevada

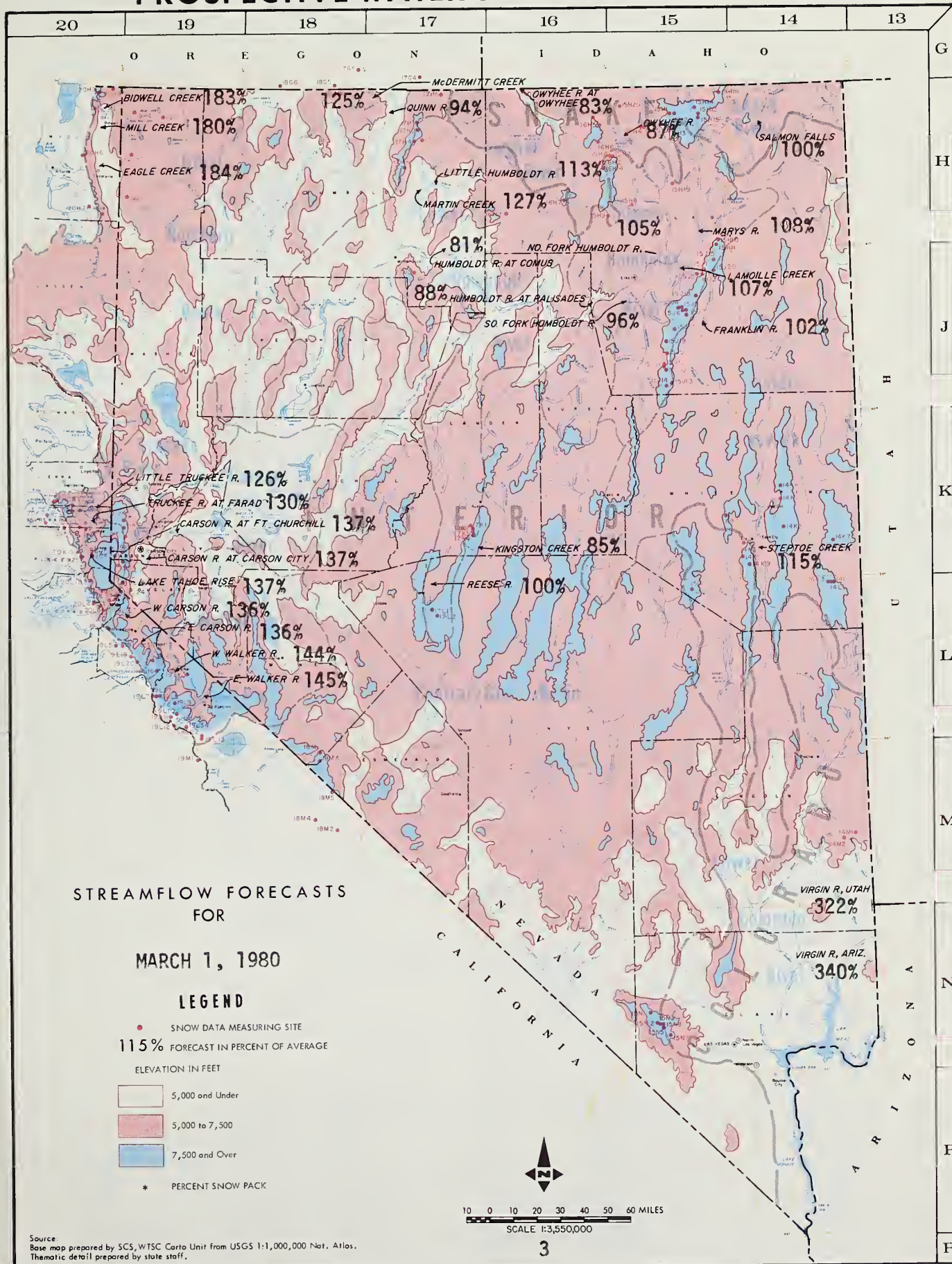
Snow course measurements here indicate snow water contents are 130 percent of average and very similar to last year. The lower elevation snow courses are below average and the higher elevation courses above average. The areas south and east of Ely have higher percentages than other areas.

Small streams in these areas should have near average streamflow this season.

Lower Colorado and Central Great Basin

Snow measurements in these areas indicate snowpacks are considerably above average. The Mt. Charleston area indicates snow water is 224 percent of average. The Central Great Basin measurements indicate 152 percent of average snow water.

PROSPECTIVE WATER SUPPLY FOR NEVADA



INDEX TO NEVADA SNOW COURSES (By Basins)

Refer to the map on the preceeding page for Snow Course locations.

NUMBER	NAME	SEC.	TWP.	RGE.	ELEV.
SNAKE RIVER BASIN					
SNAKE RIVER					
15H15MA	Bear Creek	31	46N	58E	7800
15H2	Fox Creek	33	46N	58E	6800
15H135A	Goat Creek	31	46N	60E	8800
15H15A	Hummingbird Springs	6	45N	60E	8945
15H2Da	Merritt Mountain	10	46N	54E	7000
15H145A	Pole Creek Ranger Station	13	46N	59E	8330
15H18a	Red Point	15	47N	61E	7940
15H35A	76 Creek	6	44N	58E	7100
15H19a	Stag Mountain	32	41N	58E	7800

OWYHEE RIVER					
15H45M	Big Bend	3D	45N	56E	6700
16H6a	Columbia Basin	31	44N	53E	6650
16H8a5	Fawn Creek	2	45N	52E	7000
15H5	Gold Creek	32	45N	56E	6600
16H1M	Jack Creek, Lower	18	42N	53E	6800
16H25AM	Jack Creek, Upper	9	42N	53E	7250
16H45	Jacks Peak	21	42N	53E	8420
16H55	Laurel Draw	20	45N	53E	6700
17G4a	Louse Canyon (DR)	27	40S	44E	6440
15H9MP5	Taylor Canyon	35	39N	53E	6200

INTERIOR

UPPER HUMBOLDT RIVER					
15J17a	American Beauty	32	31N	58E	7800
15J125A	Corral Canyon	27	28N	57E	8500
15J15M	Dorsey Basin	28	35N	60E	8100
15J3	Dry Creek	5	34N	60E	6500
15H7	Fry Canyon	31	43N	54E	6700
15J95M	Green Mountain	23	29N	57E	8000
15J1D	Harrison Pass #1	9	28N	57E	6600
15J11	Harrison Pass #2	16	28N	57E	7400
15J4	Lamoille #1	15	32N	58E	7100
15J65	Lamoille #3	24	32N	58E	7700
15J89	Lamoille #5	31	32N	59E	8700
15J2D	Pole Canyon #2	6	34N	61E	7700
15J16a	Robinson Lake	23	33N	59E	9200
15H6MP	Rodeo Flat	36	43N	53E	6800
15J2	Ryan Ranch	1	34N	59E	5800
15J19	Smith Creek	26	30N	57E	7600
15H8	Tremewan Ranch	9	39N	55E	5700
15H1DP	Trout Creek, Lower	28	37N	61E	6900
15H11A	Trout Creek, Upper	4	36N	61E	8500

LOWER HUMBOLDT RIVER					
17K1	Big Creek Campground	1D	17N	43E	6600
17K45	Big Creek Summit	35	17N	43E	8700
17K2	Big Creek Mine	23	17N	43E	7600
17K3	Big Creek, Upper	26	17N	43E	7800
17H25	Buckskin, Lower	25	45N	39E	6700
17H1	Buckskin, Upper	11	45N	39E	8200
17L1	Corral, Lower	12	11N	40E	7500
17L2	Corral, Upper	2D	11N	41E	8000
17J2	Golconda #2	22	35N	39E	6000
17H45	Granite Peak	22	44N	39E	7800
17H55	Lamance Creek	13	42N	38E	6000
17H3	Martin Creek	13	44N	39E	6700
16H3AP	Midas	18	39N	46E	7200
16H7a	Toe Jam	29	40N	50E	7700

EASTERN NEVADA					
14L1	Baker #1	29	13N	69E	7950
14L2	Baker #2	30	13N	69E	8950
14L3	Baker #3	25	13N	68E	9250
14K25	Berry Creek	26	17N	65E	9100
14K1	Bird Creek	34	19N	65E	7500
14K9a	Defiance Mines	9	14N	63E	9200
15J155	Hole-in-Mountain	6	35N	61E	7900
14K8	Kalamazoo Creek	34	20N	65E	7400
14K3	Murray Summit	25	16N	62E	7250
15K1	Robinson Summit	34	18N	61E	7600
14K7	Silver Creek #2	3D	16N	69E	8000
14K55	Ward Mountain #2	25	15N	62E	8900

CENTRAL GREAT BASIN					
18M2	Campito Mountain (CA)	19	5S	35E	10200
18M5a	Chiatovich Flat (CA)	32	25	34E	10500
15N2	Clark Canyon	8	19S	56E	9000
18M1	Montgomery Pass	4	1N	33E	7100
18M3a	Pinchot Creek (CA)	28	1N	33E	9300
18M4a	Plute Pass (CA)	33	4S	33E	11700
15N1	Trough Springs	23	18S	55E	8500

NORTHERN GREAT BASIN					
19H1a	Bald Mountain	17	45N	21E	6270
2DH5	Barber Creek (CA)	23	39N	16E	6500
20H65	Cedar Pass (CA)	12	43N	14E	7100
18G6a	Denio Creek (OR)	14	41S	34E	6000
18H15	Disaster Peak	8	47N	34E	6500
2DH3a5	Dismal Swamp (CA)	31	48N	17E	7000
2DH7	Eagle Peak (CA)	35	40N	15E	7200
19H3	49 Mountain	7	42N	19E	6000
19H2	Hays Canyon	1	39N	18E	6400
19H4a	Little Bally Mountain	8	45N	19E	6000
2DH9	Mt. Bidwell (CA)	6	47N	16E	7200
2DH10	North Star (CA)	13	47N	16E	6200
17G5a	Oregon Canyon (DR)	9	40S	40E	7240
17H6a	Quinn Ridge	9	47N	41E	6300
20H4	Reservation Creek (CA)	12	46N	15E	5900
18G5a	Trout Creek (DR)	1D	41S	38E	7800

NUMBER	NAME	SEC.	TWP.	RGE.	ELEV.
LAKE TAHOE					
2DL65	Echo Peak (CA)	35	12N	17E	7800
2DL5	Echo Summit (CA)	6	11N	18E	7450
2DL10S	Fallen Leaf (CA)	36	13N	17E	6300
19L2	Freel Bench (CA)	36	12N	18E	7300
19K6	Glenbrook #2	13	14N	18E	6900
19L3M5	Hagans Meadow (CA)	36	12N	18E	8000
19L245	Heavenly Valley (CA)	1	12N	18E	8850
2DL4	Lake Lucille (CA)	28	12N	17E	8200
19K4M5	Marlette Lake	18	15N	19E	8000
2DL3	Richardsons #2 (CA)	6	12N	18E	6500
2DL1	Rubicon #1 (CA)	6	13N	17E	8100
2DL25	Rubicon #2 (CA)	6	13N	17E	7500
2DK16	Tahoe City (CA)	6	15N	17E	6250
2DK26	Tahoe City Alt. (CA)	7	15N	17E	6300
2DK275	Tahoe City Cross (CA)	1	15N	16E	6750
19L1	Upper Truckee (CA)	21	12N	18E	6400
2DK255	Ward Creek (CA) #3	21	15N	16E	6750
2DK17	Ward Creek #2 (CA)	21	15N	16E	7000

TRUCKEE RIVER					
2DK14	Boca #2 (CA)	28	18N	17E	5900
2DK22	Brockway Summit (CA)	3	17N	16E	7100
2DK21	Donner Park #2 (CA)	18	17N	16E	6000
2DK1D	Donner Summit (CA)	25	17N	14E	6900
2DK7*	Fordyce Lake (CA)	34	18N	13E	6500
2DK8*	Furnace Flat (CA)	10	17N	13E	6700
2DK4M5	Independence Camp (CA)	34	19N	15E	7000
2DK35	Independence Creek (CA)	14	19N	15E	6500
2DK55	Independence Lake (CA)	9	18N	15E	8450
19K3	Little Valley	17	16N	19E	6300
19K25	Mt. Rose	7	17N	19E	9000
19K75	Mt. Rose Ski Area	30	17N	19E	9000
2DK6	Sage Hen Creek (CA)	7	18N	16E	6500
2DK19	Squaw Valley #2 (CA)	6	15N	16E	7500
2DK135	Truckee #2 (CA)	22	17N	16E	6400
2DK2*	Webber Lake (CA)	29	19N	14E	7000
2DK1*	Webber Peak (CA)	30	19N	14E	8000

CARSON RIVER					
19L55	Blue Lakes (CA)	3D	9N	19E	8000
19L4	Carson Pass, Upper (CA)	22	10N	18E	8600
19K5	Clear Creek	6	14N	19E	7300
19L19A5	Ebbetts Pass (CA)	17	8N	20E	8700
19L16a	Fish Valley, Upper (CA)	1	7N	22E	8050
19LD65	Poison Flat (CA)	25	8N	21E	7900
19L315	Wet Meadows #2 (CA)	26	9N	19E	8050
19L18A	Wet Meadows Lake (Cal.)	26	9N	19E	8100
19L2Da	Wolf Creek (Cal.)	35	8N	20E	8000

WALKER RIVER					
19L11	Buckeye Forks (CA)	20	4N	23E	8500
19L10	Buckeye Roughs (CA)	15	4N	23E	7900
19L12	Center Mountain (CA)	4	3N	23E	9400
19L85	Leavitt Meadows (CA)	4	5N	22E	7200
19L175A	Lobdell Lake (CA)	20	7N	24E	9200
19L34	Sawmill Ridge (CA)	17	3N	24E	8750
19L7	Sonorra Pass (CA)	1	5N	21E	8800
19L235	Sonorra Pass Bridge (CA)	6	5N	22E	8800
19M1*	Tioga Pass (CA)	30	1N	25E	9900
19L13	Virginia Lakes (CA)	5	2N	25E	9500
19L22M5	Virginia Lakes Ridge (CA)	32	2N	25E	9200
19L9	Willow Flat (CA)	21	5N	23E	8250

COLORADO

LOWER COLORADO RIVER					
15N5	Kyle Canyon	27	19S	56E	8200
15N3	Lee Canyon #2	9	19S	56E	9200
15N8	Lee Canyon #3	1D	19S	56E	8500
14M1	Mathew Canyon	10	6S	70E	6000
14M2	Pine Canyon	23	6S	69E	6200
15N7	Rainbow Canyon #2	6	20S	57E	8100
15L1	White River #1	31	13N	22E	7400

LEGEND

NUMBERING SYSTEM (EXAMPLE)

19K4	Snow Course Only
19K45	Snow Course with SNOTEL
19K4M	Snow Course and Soil Moisture
19K4A	Snow Course and Aerial Marker
19K4P	Snow Course and Storage Precipitation Gage
19K4MA	Snow Course, Soil Moisture and Aerial Marker
19K4MP	Snow Course, Soil Moisture, and Precipitation Gage

Lower case letter "a" indicates no snow course, only an Aerial Marker.
SNOTEL has telemetered data for snow pillow, precipitation gage, and temperature. * Adjacent basin

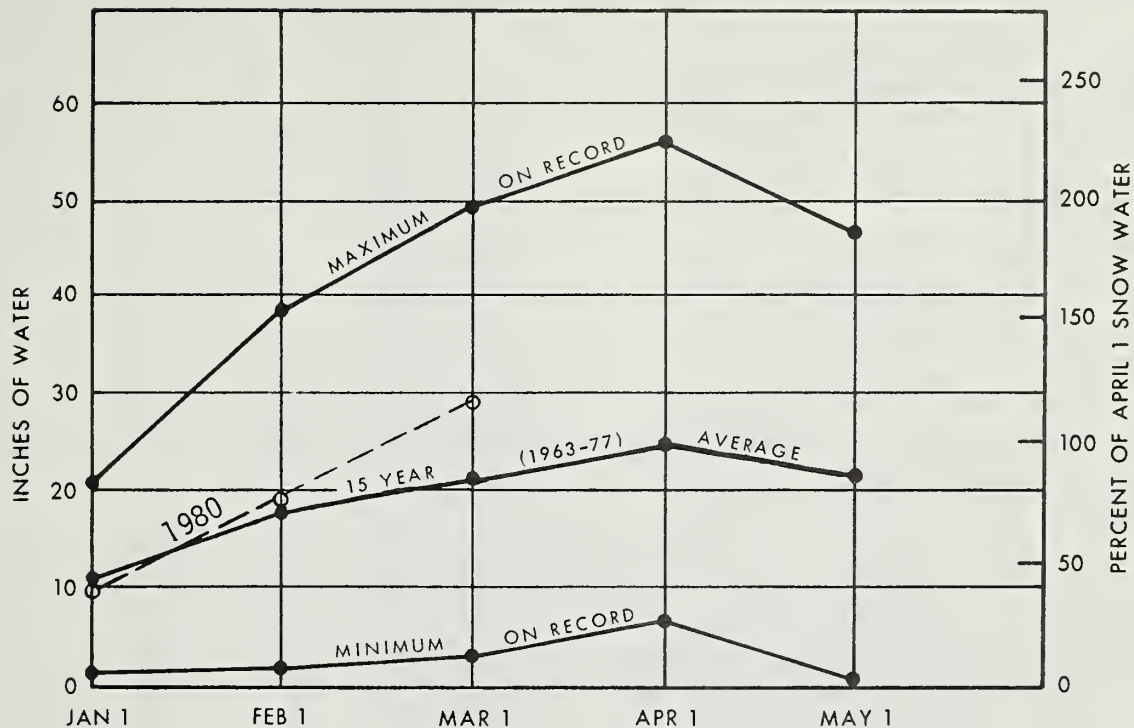
WINTER SNOWPACK

TAHOE, TRUCKEE, CARSON & WALKER BASINS

CALIFORNIA - NEVADA

1980

Data based on 9 long term Snow Courses



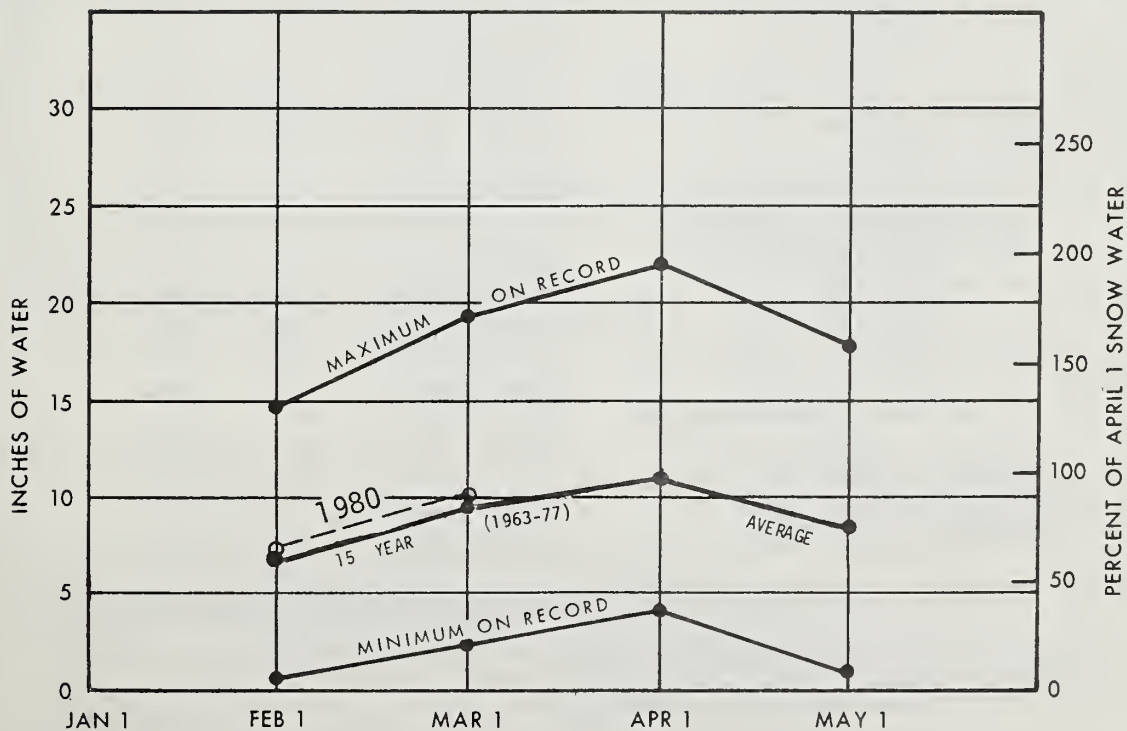
WINTER SNOWPACK

UPPER HUMBOLDT & SNAKE BASINS

NEVADA

1980

Data based on 13 selected Snow Courses



STREAMFLOW FORECASTS (Thousand Acre Feet) as of: March 1, 1980

Forecasts are based on snow-water presently stored in the mountain watersheds and the assumption that precipitation will be near average throughout the forecast period. Peak flow forecasts indicate the most probable range for the maximum average 24-hour flow. All overages are for 1963-77 period.

FORECAST POINT	Forecast Period	Forecast This Year	This Year as Percent of Average	Average +
<u>TRUCKEE RIVER</u>				
Galena Creek near Steamboat, NV	April-July	5.4	123	4.4
Little Truckee River above Boca, CA	April-July	110	126	87
Truckee River at Farad, CA ^{1/}	April-July	355	130	273
Lake Tahoe Rise in Feet (assuming gates closed)	April-High	1.95	137	1.42
Sage Hen Creek, CA	April-July	7.6	117	6.5
Steamboat Creek at Steamboat, NV	April-July	7.0	135	5.2
<u>CARSON RIVER</u>				
East Carson near Gardnerville, NV	April-July	255	136	187
West Carson at Woodfords, CA	April-July	72	136	53
Carson River near Carson City, NV	April-July	250	137	183
Carson River near Fort Churchill, NV	April-July	230	137	167
<u>WALKER RIVER</u>				
East Walker near Bridgeport, CA ^{2/}	April-Aug.	100	145	69
W. Walker below L. Walker nr Coleville, CA	April-July	210	144	146
<u>SNAKE RIVER</u>				
Owyhee River near Owyhee, NV ^{3/}	April-July	66	83	80
Owyhee River near Gold Creek, NV ^{3/}	April-July	20	87	23
S. Fork Owyhee River nr White Rock, NV	April-July	85	104	82
Salmon Falls Creek nr San Jacinto, NV	March-Sept.	95	100	95
<u>COLORADO RIVER</u>				
Virgin River at Littlefield, AZ	April-June	163	340	48
Virgin River at Hurricane, UT	April-June	158	322	49
<u>HUMBOLDT RIVER</u>				
Lamoille Creek near Lamoille, NV	April-July	30	107	28
S. Fork Humboldt above Dixie Creek	April-July	70	96	73
Marys River above Hot Springs, NV	April-July	40	108	37
N. Fork Humboldt at Devils Gate, NV	April-July	36	105	35
Humboldt River at Palisade, NV	April-July	195	88	221
Humboldt River at Comus, NV	April-July	145	81	175
Kingston Creek near Austin, NV	April-July	2.8	85	3.3
L. Humboldt River nr Paradise Va., NV	April-July	11	113	9.7
Martin Creek near Paradise, NV	April-July	19	127	15
Reese River near Ione, NV	April-July	6.6	100	6.6
Rock Creek near Battle Mountain, NV	April-July	15	94	16
<u>NORTHERN GREAT BASIN</u>				
Bidwell Creek near Fort Bidwell, CA	April-July	22	183	12
Mill Creek near Cedarville, CA	April-July	7.4	180	4.1
Deep Creek near Cedarville, CA	April-July	6.5	180	3.6
Eagle Creek near Eagleville, CA	April-July	7.9	184	4.3
Quinn River near McDermitt, NV	April-July	15	94	16
E. Fork Quinn River near McDermitt, NV	April-July	13	100	13
McDermitt Creek near McDermitt, NV	April-July	15	125	12
<u>EASTERN NEVADA</u>				
Franklin River near Arthur, NV	April-July	6.0	102	5.9
Step toe Creek near Ely, NV	April-July	2.3	115	2

NOTE: Streamflow forecasts which appear in this bulletin are a coordinated activity of the National Weather Service and the Soil Conservation Service in an effort to provide the best possible forecasting service to water users.

1. Observed flow plus change in storage in Boca, Stampede, Prosser Reservoir, Donner, Independence and Martis Creek Lakes and minus the flow at Truckee River at Tahoe City, CA.
2. Observed flow plus change in storage in Bridgeport Reservoir.
3. Observed flow plus change in storage in Wild Horse Reservoir.

RESERVOIR STORAGE (Thousand Acre Feet) AS OF March 1, 1980

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage		
			This Year	Last Year	Average ⁺
Owyhee	Wild Horse	72	40	29	30
Lower Humboldt	Rye Patch	172	122	59	121
Colorado	Mohave	1,810	1,704	1,657	1,674
Colorado	Mead	26,159	23,496	23,297	17,520
Tahoe	Tahoe	732	302	113	489
Truckee	Boca	41	23	23	19
Truckee	Stampede**	220	93	61	120*
Truckee	Prosser***	30	9	10	8*
Carson	Lahontan	291	241	225	232
West Walker	Topaz	59	33	50	44
East Walker	Bridgeport	42	34	42	34

^{*} Adjusted average.
^{**} Storage began August 1, 1969.
^{***} Flood Control use allocation of 20,000 acre-feet between November 1 and April 10.

TOTAL RESERVOIR STORAGE (Thousand Acre Feet)

MONTH	This Year	Last Year	Average ⁺
October 1	430	472	786
January 1	432	422	844
February 1	676	495	920
March 1	795	541	968
April 1		646	1,135
May 1		712	1,033

The above data developed from Wild Horse, Rye Patch, Tahoe, Boca, Lahontan, Topaz, and Bridgeport Reservoirs in 1,000 Acre-feet.
TOTAL USABLE CAPACITY 1,409

PEAK FLOWS (MAXIMUM MEAN DAILY) (Av. flow for 24 hrs. on day of greatest flow)

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average ⁺
East Fork Carson River near Gardnerville, NV	2200-2400	1865
Carson River near Carson City, NV	2500-2700	2098
Carson River near Fort Churchill, NV	2200-2400	1914
W. Walker R. below L. Walker near Coleville, CA	1900-2100	1589

FORECAST DATE of LOW FLOW VALUES

FORECAST POINT	Low Flow Value Second/Ft.	Forecast Date Stream Will Recede to Low Flow Value	Average Date of Low Flow Value
East Carson River near Gardnerville, NV	200	8/3	7/24

SATELLITE SNOW COVER

HUMBOLDT RIVER ABOVE COMUS, NEVADA

February 25, 1980



<u>DATE</u>	<u>PERCENT SNOW COVER</u>	<u>DATE</u>	<u>PERCENT SNOW COVER</u>
Jan. 30, 1980	100%		
Feb. 4, 1980	80%		
Feb. 9, 1980	62%		
Feb. 25, 1980	29%		

SATELLITE SNOW COVER

TAHOE-TRUCKEE, CARSON AND WALKER BASINS

February 26, 1980



SCALE 1:2,000,000
DATA PROVIDED BY NOAA/NESS
WASHINGTON D.C.

<u>DATE</u>	<u>BASIN</u>	<u>PERCENT SNOW COVER</u>
Jan. 26, 1980	Tahoe-Truckee	30%
Jan. 26, 1980	Carson	15%
Jan. 26, 1980	Walker	25%
Feb. 26, 1980	Tahoe-Truckee	34%
Feb. 26, 1980	Carson	16%
Feb. 26, 1980	Walker	32%

SNOW COURSE MEASUREMENTS

SNOW COURSE MEASUREMENTS		THIS YEAR			PAST RECORD	
DRAINAGE BASIN and/or SNOW COURSE		Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)	
NAME	Elevation				Last Year	Average †
<u>LAKE TAHOE</u>						
Echo Peak (CA)	7,800	2/26/80	114	46.0	29.8	-
Echo Summit (CA)	7,450	2/28/80	104	37.0	25.1	28.3
Fallen Leaf (CA)	6,300	2/26/80	15	4.3	8.2	-
Freel Bench (CA)	7,300	3/1/80	31	11.5	12.3	10.2*
Glenbrook #2	6,900	2/28/80	42	13.1	9.6	9.1*
Hagan's Meadow (CA)	8,000	2/26/80	65	22.0	15.0	13.8*
Heavenly Valley (CA)	8,800	2/26/80	93	33.6	21.6	26.3*
Lake Lucille (CA)	8,200	2/26/80	177	71.8	36.9	49.0*
Marlette Lake	8,000	2/26/80	71	24.1	18.6	18.4
Richardsons #2 (CA)	6,500	2/26/80	46	15.1	14.0	14.1
Rubicon #1 (CA)	8,100	2/26/80	149	52.0	33.4	39.0
Rubicon #2 (CA)	7,500	2/26/80	96	32.7	23.3	24.2
Tahoe City Cross (CA)	6,750	2/29/80	55	19.5	16.3	-
Upper Truckee (CA)	6,400				10.9	8.7*
Ward Creek #2 (CA)	7,000	2/27/80	116	43.2	31.8	33.5
Ward Creek #3 (CA)	6,750	2/26/80	107	41.5	29.8	32.9*
Summary: Total 12 Snow Courses						
Snow Water Content Inches				(397.6)	(271.4)	(298.8)
Percent of Last Year; Average					(147%)	(133%)

TRUCKEE RIVER

Boca #2 (CA)	5,900	3/2/80	13	4.5	6.9	6.1
Brockway Summit (CA)	7,100	2/29/80	68	25.0	16.0	17.0*
Castle Creek (CA)b	7,400	2/29/80	148	55.6	36.2	41.9
Donner Park #2 (CA)	6,000	3/2/80	40	14.6	12.7	14.9
Donner Summit (CA)	6,900	2/28/80	116	42.4	29.0	31.5
Fordyce Lake (CA)b	6,500	2/29/80	101	41.6	33.8	30.8
Furnace Flat (CA)b	6,700	2/29/80	122	50.0	36.9	36.2*
Independence Camp (CA)	7,000	2/26/80	73	21.8	16.4	19.2*
Independence Creek (CA)	6,500	2/26/80	40	11.9	8.7	11.1*
Independence Lake (CA)	8,450	2/26/80	130	47.3	24.8	32.0
Little Valley	6,300	2/26/80	18	4.1	8.4	8.2
Mount Rose	9,000	2/26/80	110	42.8	25.3	-
Mount Rose Ski Area	8,850	2/27/80	146	52.8	31.8	33.3*
Sage Hen Creek (CA)	6,500	2/27/80	49	17.3	12.6	14.2*
Squaw Valley #2 (CA)	7,500	2/26/80	153	59.0	36.1	40.4
Squaw Valley Gold Coast (CA)	8,200				-	-
Truckee #2 (CA)	6,400	3/1/80	43	15.6	12.1	11.7*
Webber Lake (CA)	7,000	NS	-	-	-	-
Webber Peak (CA)	8,000	NS	-	-	-	-
Summary: Total 15 Snow Courses						
Snow Water Content Inches				(463.5)	(322.4)	(348.5)
Percent of Last Year; Average					(144%)	(133%)

SNOW COURSE MEASUREMENTS

DRAINAGE BASIN and/or SNOW COURSE		THIS YEAR			PAST RECORD	
		Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)	
					Last Year	Average †

CARSON RIVER

Blue Lakes (CA)	8,000	2/29/80	121	41.4	30.7	30.2*
Carson Pass, Upper (CA)	8,600	2/26/80	114	42.9	30.8	29.0
Clear Creek	7,300	2/26/80	47	12.4	10.2	11.3
Ebbetts Pass AM (CA)	8,700	2/26/80	134	50.5 _a	34.5 _a	29.1 _a
Ebbetts Pass #2 (CA)	8,700	2/26/80	132	50.1	34.0	-
Fish Valley, Upper AM (CA)	8,050	2/26/80	48	16.0 _a	13.5 _a	12.7 _a
Poison Flat AM (CA)	7,900	2/26/80	54	17.5 _a	11.8 _a	13.7 _a
Poison Flat (CA)	7,900	2/26/80	66	21.9	17.3	14.3*
Wet Meadows Lake AM (CA)	8,050	2/26/80	95	35.0 _a	27.5 _a	23.3 _a *
Wet Meadows #2 (CA)	8,050	2/26/80	127	47.0	37.3	-
Wolf Creek AM (CA)	8,000	2/26/80	98	34.0 _a	30.0 _a	27.4 _a *

Summary: Total 9 Snow Courses

Snow Water Content Inches

(271.6)(206.3) (191.0)

Percent of Last Year; Average

(132%) (142%)

WALKER RIVER

Buckeye Roughs (CA)	7,900	2/26/80	78	25.6	18.2	-
Center Mountain AM (CA)	9,400	2/26/80	150	52.0 _a	37.0 _a	35.1 _a
Center Mountain (CA)	9,400	2/26/80	144	50.1	35.6	34.4*
Leavitt Lake (CA)	9,400	2/26/80	160	64.6	38.6	-
Leavitt Meadows (CA)	7,200	2/26/80	45	13.2	15.4	-
Lobdell Lake (CA)	9,200	2/26/80	82	23.4	14.4	14.3*
Sawmill Ridge (CA)	8,750	2/26/80	80	25.9	16.6	-
Sonora Pass (CA)	8,800	2/26/80	97	33.4	24.1	21.0
Sonora Pass Bridge (CA)	8,800	NS	-	-	25.3	24.7*
Tioga Pass (CA) ^b	9,900	NS	-	-	28.4	19.6*
Virginia Lakes (CA)	9,500	2/26/80	80	26.3	16.0	14.3*
Virginia Lakes Ridge (CA)	9,200	2/26/80	81	26.0	15.3	14.8*
Willow Flat (CA)	8,250	2/26/80	46	15.3	11.6	-

Summary: Total 6 Snow Courses

Snow Water Content Inches

(211.2)(142.4) (133.9)

Percent of Last Year; Average

((148%) (158%))

NORTHERN GREAT BASIN

Bald Mountain AM	6,720	2/25/80	24	8.4 _a	5.3 _a	2.8 _a
Barber Creek (CA)	6,500	2/28/80	42	14.8	7.3	10.4
Cedar Pass (CA)	7,100	2/25/80	56	19.0	11.6	12.9
Denio Creek AM (OR)	6,000				2.0 _a	0.6 _a *
Disaster Peak	6,500	2/26/80	41	16.2	13.5	11.6
Dismal Swamp AM (CA)	7,000	2/25/80	94	35.7 _a	14.5 _a	13.2 _a *
Eagle Peak (CA)	7,200	NS	-	-	-	-
49 Mountain	6,000	2/26/80	12	5.1	3.3	3.5
Hays Canyon	6,400	2/26/80	14	5.3	2.3	3.1
Little Bally Mountain AM	6,000	2/25/80	22	7.7 _a	5.2 _a	2.6 _a
Mount Bidwell (CA)	7,240	2/27/80	81	29.9	18.6	15.3*
North Star (CA)	6,200	2/27/80	51	18.9	13.6	13.8*
Oregon Canyon AM (OR)	7,240				6.7 _a	4.6 _a *
Quinn Ridge AM	6,300				3.1 _a	1.6 _a
Reservation Creek (CA)	5,900	2/28/80	38	13.8	11.9	9.9
Trout Creek AM (OR)	7,800				10.1 _a	15.4 _a *

Summary: Total 11 Snow Courses

Snow Water Content Inches

(174.8)(107.1) (99.1)

Percent of Last Year; Average

(163%) (176%)

SNOW COURSE MEASUREMENTS

DRAINAGE BASIN and/or SNOW COURSE		THIS YEAR			PAST RECORD	
		Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)	
NAME	Elevation				Last Year	Average †

SNAKE RIVER

Bear Creek	7,800	3/1/80	63	20.0	17.0	18.0
Fox Creek	6,800	3/1/80	32	10.2	10.5	9.7
Goat Creek	8,800	3/1/80	53	17.6	13.0	15.7
Hummingbird Springs	8,945	3/1/80	71	22.4	16.7	19.5
Merritt Mountain AM	7,000	2/29/80	26	7.5 _a	8.5 _a	6.4 _a
Pole Creek Ranger Station	8,330	3/1/80	54	17.8	17.6	18.6
Seventy Six Creek	7,100	3/1/80	41	11.6	13.8	10.5
Stag Mountain AM	7,700	2/29/80	20	5.4 _a	8.3 _a	5.4 _a

Summary: Total 8 Snow Courses

Snow Water Content Inches

(112.5) (105.4) (103.8)

Percent of Last Year; Average

(107%) (108%)

OWYHEE RIVER

Big Bend	6,700	2/26/80	30	8.1	9.4	7.5
Columbia Basin AM	6,650	2/29/80	22	6.2 _a	11.2 _a	8.2 _a *
Fawn Creek AM	7,000	2/26/80	14	3.9 _a	8.8 _a	5.3 _a
Gold Creek	6,600	2/26/80	16	5.0	7.7	4.9
Jack Creek, Lower	6,800	2/26/80	12	3.5	7.7	-
Jack Creek, Upper	7,250	2/26/80	26	7.2	9.9	6.7
Jacks Peak	8,420	2/26/80	67	21.3	17.8	20.9*
Laurel Draw	6,700	2/26/80	25	7.6	8.6	6.9
Louse Canyon AM (CA)	6,440				10.1 _a	3.0 _a
Taylor Canyon	6,200	2/26/80	11	3.9	8.3	4.5

Summary: Total Snow Courses

Snow Water Content Inches

Percent of Last Year; Average

UPPER HUMBOLDT RIVER

America Beauty AM	7,800	2/29/80	24	6.7 _a	12.3 _a	8.5 _a
Corral Canyon	8,500	2/27/80	46	13.1	14.2	12.3
Dorsey Basin	8,100	2/27/80	38	10.8	15.8	10.4*
Dry Creek	6,500	2/27/80	9	2.6	7.7	2.8*
Fry Canyon	6,700	2/26/80	23	7.4	8.2	5.9*
Green Mountain	8,000	2/27/80	32	8.6	16.0	10.9*
Harrison Pass #1	6,600	2/27/80	1	0.1	3.9	3.5*
Harrison Pass #2	7,400	2/27/80	1	0.1	5.7	4.3*
Lamoille #1	7,100	2/27/80	33	9.9	8.0	8.1
Lamoille #3	7,700	2/27/80	40	11.7	11.1	10.4
Lamoille #5	8,700	2/27/80	83	27.3	24.2	21.3
Pole Canyon #2	7,700	2/27/80	43	13.3	19.9	-
Robinson Lake AM	9,200	2/29/80	106	32.9 _a	26.2 _a	-
Rodeo Flat	6,800	2/26/80	19	6.0	9.1	4.6*
Ryan Ranch	5,800	2/27/80	0	0.0	3.6	0.8*
Smith Creek	7,700	2/27/80	32	8.6	12.3	-
Tent Mountain AM, Lower	7,000	2/29/80	20	6.2 _a	9.8 _a	11.7 _a *
Tent Mountain AM, Upper	8,350	2/29/80	53	15.9 _a	18.0 _a	19.3 _a *
Tremewan Ranch	5,700	2/29/80	0	0.0	-	1.5
Trout Creek, Lower	6,900	2/27/80	13	4.0	6.0	2.8*
Trout Creek, Upper	8,500	2/27/80	55	16.8	17.4	15.4*

Summary: Total 17 Snow Courses

Snow Water Content Inches

(147.2) (191.0) (153.0)

Percent of Last Year; Average

(77%) (96%)

SNOW COURSE MEASUREMENTS

DRAINAGE BASIN and/or SNOW COURSE		THIS YEAR			PAST RECORD	
		Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)	
NAME	Elevation				Last Year	Average †

LOWER HUMBOLDT RIVER

Big Creek Campground	6,600	2/27/80	1	0.4	3.2	1.6
Big Creek Mine	7,600	2/27/80	10	2.8	5.6	4.4
Big Creek Summit	8,700	2/27/80	38	11.5	-	-
Big Creek, Upper	7,800	2/27/80	13	3.8	7.9	5.4*
Buckskin, Lower	6,700	2/26/80	24	7.7	8.9	7.1
Buckskin, Upper	8,200	2/26/80	27	8.5	12.8	8.4
Golconda #2	6,000	2/27/80	9	3.9	4.7	4.5
Granite Peak	7,800	2/26/80	53	15.8	13.0	13.1
Lamance Creek	6,000	2/26/80	24	7.8	8.7	9.0
Martin Creek	6,700	2/26/80	35	11.2	6.6	8.4
Midas	7,200	2/26/80	1	0.1	5.7	2.2
Toe Jam AM	7,700	2/29/80	33	9.6a	-	8.5*

Summary: Total 10 Snow Courses
 Snow Water Content Inches (60.9) (77.1) (54.1)
 Percent of Last Year; Average (79%) (95%)

EASTERN NEVADA

Baker #1	7,950	2/24/80	29	8.0	6.0	5.6*
Baker #2	8,950	2/24/80	59	17.0	14.0	11.0*
Baker #3 AM	9,250	2/26/80	61	17.7a	15.5a	11.9a*
Berry Creek	9,100				14.4	11.4*
Bird Creek	7,500				4.9	3.4
Hole-in-Mountain	7,900	2/27/80	65	21.4	25.3	18.6
Kalamazoo Creek	7,400	2/27/80	27	8.0	9.3	6.0
Mount Defiance AM	9,400	2/26/80	74	21.5a	-	-
Murray Summit	7,250	2/29/80	3	0.7	5.8	2.9
Robinson Summit	7,600	2/26/80	3	0.9	4.2	2.0
Silver Creek #2 AM	8,000	2/26/80	20	5.8a	5.5a	5.1a
Ward Mountain #2 AM	7,400	2/26/80	39	11.3a	10.3a	6.4a*
White River #1	7,400	NS	-	-	-	2.7

Summary: Total 9 Snow Courses
 Snow Water Content Inches (90.8) (95.9) (69.5)
 Percent of Last Year; Average (95%) (131%)

CENTRAL GREAT BASIN

Chiatovich Flat AM (CA)	10,500	2/24/80	12	3.6a	-	2.8
Clark Canyon	9,000	NS	-	-	12.5	5.2*
Pinchot Creek AM (CA)	9,300	2/24/80	6	1.7a	-	0.5
Piute Pass AM (CA)	11,700	2/24/80	18	5.4a	-	3.0
Montgomery Pass	7,100	2/25/80	4	1.3	0.4	1.1*
Trough Springs	8,500	2/28/80	38	13.0	-	3.8*

Summary: Total 5 Snow Courses
 Snow Water Content Inches (25.0) (-) (16.4)
 Percent of Last Year; Average (-) (152%)

SNOW COURSE MEASUREMENTS

DRAINAGE BASIN and/or SNOW COURSE		THIS YEAR			PAST RECORD	
		Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)	
					Last Year	Average †

LOWER COLORADO RIVER

Kyle Canyon	8,200	2/29/80	46	16.7	17.6	8.9
Lee Canyon #2	9,000	2/29/80	51	17.7	13.6	6.4*
Lee Canyon #3	8,500	2/29/80	41	14.9	14.9	6.7
Mathew Canyon	6,000	NS	-	-	7.1	0.8*
Pine Canyon	6,200	NS	-	-	8.0	1.3*
Rainbow Canyon #2	8,100	2/29/80	66	22.7	22.3	12.2*
Summary: Total 4 Snow Courses						
Snow Water Content Inches				(72.0)	(68.4)	(34.2)
Percent of Last Year; Average					(105%)	(211%)

DESERT RESEARCH INSTITUTE MEASUREMENTS

TAHOE-TRUCKEE BASIN

Alder Creek	6,960	2/26/80	94	35.0	26.8	-
Apollo Way	7,300	2/24/80	51	15.3	10.4	-
Bennett Flat	6,200	2/26/80	47	15.0	13.2	-
Davis Creek	5,160	2/23/80	10	1.5	-	-
Evergreen Hills	5,700	2/24/80	10	2.3	3.7	-
Galena Creek	7,440	2/24/80	83	24.0	-	-
Hennes Pass Junction	6,410	2/25/80	45	13.3	11.3	-
Hobart Mills	5,850	2/25/80	23	7.1	8.8	-
Incline Lake	8,000	2/24/80	95	25.4	25.6	-
Jones Creek	6,000	2/24/80	10	2.6	3.9	-
Mount Rose Resort	8,280	2/24/80	116	39.2	25.0	-
North Star Fire Department	6,320	2/26/80	24	6.2	19.4	-
RNR Test Site	6,400	2/24/80	36	10.8	8.7	-
Sky Tavern	7,620	2/24/80	72	22.2	15.2	-
Spooner Summit	7,620	2/23/80	63	20.3	13.8	-
Squaw Valley Fire Department	6,240	2/26/80	41	14.1	15.1	-
Sundance Lodge	7,060	2/24/80	56	16.8	12.1	-
Tahoe Meadows	8,540	2/24/80	136	47.5	35.0	-
Tamarack Lake	8,820	2/24/80	116	41.4	27.8	-
Third and Incline Creeks	6,235	2/26/80	9	2.6	4.4	-
Thunder Cliff	6,200	2/26/80	35	11.1	13.6	-
Truckee Airport	5,900	2/26/80	12	3.2	7.8	-
Whites Creek	5,670	2/24/80	5	0.8	-	-

ADDITIONAL MEASUREMENTS

Mount Rose Ski Area	8,850	2/14/80	98	40.5	24.8	-
Squaw Valley Gold Coast (CA)	8,200	1/ 9/80	65	22.3	-	-
Squaw Valley Gold Coast (CA)	8,200	2/ 7/80	93	42.0	-	-
Berry Creek	9,100	2/ 9/80	41	9.0	13.2	-

a Aerial Marker

b Located on adjacent basin

* Less than 15 year record

NS Not scheduled this month

NOTE:

All averages based on 1963-77, 15 year period. Forecast period is April 1 through July 31 unless otherwise noted. +1963-1977 period.

PRECIPITATION (Inches)

DRAINAGE BASIN and PRECIPITATION GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
		Date of Reading	Month's Precipitation	Last Year	This Year	Last Year	1978
<u>TAHOE-TRUCKEE</u>							
Echo Peak (CA)	7,800	1/31/80 to 2/29/80	-	3.8	-	22.0	35.7
Fallen Leaf (CA)	6,240	1/31/80 to 2/29/80	9.2	5.7	37.8	18.0	25.0
Hagan's Meadow (CA)	8,000	1/31/80 to 2/29/80	9.9	7.2	34.9	21.0	26.6
Heavenly Valley (CA)	8,800	1/31/80 to 2/29/80	9.1	6.9	31.3	18.8	-
Independence Camp (CA)	7,000	1/31/80 to 2/29/80	10.7	6.7	36.6	21.0	29.4
Independence Creek (CA)	6,500	1/31/80 to 2/26/80	8.3	6.2	27.2	15.9	29.5
Independence Lake (CA)	8,450	1/31/80 to 2/29/80	-	7.4	-	16.7	-
Marlette Lake	8,000	1/31/80 to 2/29/80	8.8	10.0	32.0	18.6	28.5
Mount Rose	9,000	1/31/80 to 2/29/80	-	4.3	-	18.2	21.9
Mount Rose Ski Area	9,000	1/31/80 to 2/27/80	20.6	13.8	53.1	32.3	34.0
Rubicon #2 (CA)	7,500	1/31/80 to 2/26/80	12.1	-	43.3	24.2	-
Tahoe City Cross (CA)	6,750	1/30/80 to 3/1/80	12.4	8.8	41.2	27.1	23.7
Truckee #2 (CA)	6,400	1/30/80 to 3/1/80	11.1	7.8	33.0	17.6	14.5
Ward Creek #3 (CA)	6,750	1/31/80 to 2/29/80	19.4	14.8	69.1	37.6	47.0
<u>CARSON</u>							
Blue Lakes (CA)	8,000	1/30/80 to 2/29/80	-	-	-	29.7	-
Ebbetts Pass (CA)	8,700	1/31/80 to 2/29/80	-	13.3	-	33.9	34.2
Poison Flat (CA)	7,900	1/30/80 to 2/26/80	10.5	7.4	32.6	23.8	23.4
Wet Meadows #2 (CA)	8,050	1/30/80 to 2/26/80	11.3	12.3	44.6	25.1	24.8
<u>WALKER</u>							
Leavitt Meadows (CA)	7,200	1/30/80 to 2/26/80	9.5	7.2	34.0	22.8	-
Lobdell Lake (CA)	9,200	1/31/80 to 2/29/80	6.8	5.2	22.2	14.0	23.7
Sonora Pass Bridge (CA)	8,800	1/31/80 to 2/29/80	7.4	8.4	33.0	23.8	28.9
Virginia Lakes Ridge (CA)	9,200	1/31/80 to 2/29/80	10.5	6.5	29.2	18.3	27.4
<u>HUMBOLOT</u>							
Big Creek Summit	8,700	10/1/79 to 2/27/80	-	-	9.7	-	-
Buckskin, Lower	6,700	10/1/79 to 2/26/80	-	-	15.9	10.8	-
Corral Canyon	8,500	1/31/80 to 2/29/80	3.5	4.0	15.7	14.6	13.2
Dorsey Basin	8,100	1/31/80 to 2/29/80	5.3	5.8	17.1	16.4	16.6

PRECIPITATION (Inches)

DRAINAGE BASIN and PRECIPITATION GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
		Date of Reading	Month's Precipitation	Last Year	This Year	Last Year	
<u>HUMBOLOT (contd.)</u>							
Granite Peak	7,800	10/1/79 to 2/26/80	-	-	22.1	10.4	23.6
Green Mountain	8,000	1/31/80 to 2/29/80	4.0	4.2	13.5	16.7	13.3
Lamance Creek	6,000	10/1/79 to 2/26/80	-	-	21.6	12.7	19.0
Lamoille #3	7,700	1/30/80 to 2/27/80	3.9	5.0	16.1	14.4	15.2
Martin Creek	6,700	10/1/79 to 2/26/80	-	-	10.6	10.0	19.0
Midas	7,200	10/1/79 to 2/26/80	-	-	16.7	-	21.1
Rodeo Flat	6,800	10/31/80 to 2/26/80	2.3	1.8	11.8	8.5	13.0
Trout Creek, Lower	6,900	10/1/79 to 2/27/80	-	-	13.5	8.0	7.5
<u>OWYHEE</u>							
Big Bend	6,700	1/31/80 to 2/29/80	1.9	2.4	11.5	9.0	9.6
Fawn Creek	7,000	10/1/79 to 2/26/80	-	-	20.8	-	21.6
Jack Creek, Upper	7,250	1/31/80 to 2/29/80	3.4	3.5	15.8	13.7	13.5
Jacks Peak	8,420	1/28/80 to 2/26/80	5.5	4.8	24.6	17.3	19.0
Laurel Draw	6,700	1/31/80 to 2/29/80	3.0	3.6	16.9	13.2	-
Taylor Canyon	6,200	1/31/80 to 2/26/80	1.3	2.5	7.4	6.7	6.8
<u>SNAKE</u>							
Bear Creek	7,800	1/31/80 to 2/29/80	4.3	3.8	20.0	15.3	16.0
Goat Creek	8,800			4.0		17.3	19.0
Pole Creek Ranger Station	8,330			4.0		12.3	13.0
Seventy Six Creek	7,100	1/31/80 to 2/29/80	2.6	5.2	14.3	13.1	10.8
<u>NORTHERN GREAT BASIN</u>							
Cedar Pass (CA)	7,100	1/31/80 to 2/29/80	5.3	7.0	26.3	13.9	16.4
Disaster Peak	6,500	10/1/79 to 2/26/80	-	-	18.7	12.6	14.7
<u>EASTERN NEVADA</u>							
Berry Creek	9,100			-		13.1	11.2
Hole-in-Mountain	7,900	10/1/79 to 2/27/80	-	-	21.5	16.2	-

Agencies Cooperating in Collecting Data Contained in this Bulletin

FEDERAL

Agricultural Research Service
Bureau of Reclamation
Fish and Wildlife Service
Forest Service
Geological Survey
Soil Conservation Service
U. S. District Court - Federal Water Master
NOAA, National Weather Service

STATE

California Cooperative Snow Surveys
California Department of Parks and Recreation
California Department of Water Resources
Colorado River Commission of Nevada
Idaho Cooperative Snow Surveys
Nevada Association of Conservation Districts
Nevada Department of Conservation & Natural Resources
 Division of Water Resources
 Nevada State Forester
Oregon Cooperative Snow Surveys
University of Nevada, Desert Research Institute
Utah Cooperative Snow Surveys
White Mountain Research Station, Univ. of California

PRIVATE

Amalgamated Sugar Company
Kennecott Copper Corporation
Nevada Irrigation District
Owyhee Project North Board of Control
Owyhee Project South Board of Control
Pacific Gas and Electric Company
Pershing County Water Conservation District
Sierra Pacific Power Company
Truckee-Carson Irrigation District
Walker River Irrigation District
Washoe County Water Conservancy District

Other organizations and individuals furnish valuable information for the snow survey reports. Their Cooperation is gratefully acknowledged.

UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

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necessary for forecasting
water supply for irrigation,
domestic and municipal water
supply, hydro-electric power
generation, navigation,
mining and industry

*"The Conservation of Water begins
with the Snow Survey"*



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